



## **National Renewable Energy Laboratory Seeks Fleets to Participate in Alternative Fuel, Light-Duty Vehicle Study**

The federal government actively promotes the use of alternative fuels in the transportation industry through several major acts and executive orders. Under the Alternative Motor Fuels Act (AMFA) of 1988, the U.S. Department of Energy (DOE) was required to develop a program to encourage the production and use of light-duty vehicles—passenger cars, vans, and pickup trucks—that can run on alternative fuels such as methanol, ethanol, and natural gas. The National Renewable Energy Laboratory (NREL) is the program manager that implements various parts of AMFA.

As part of its mission under AMFA, NREL collects operational, performance, maintenance, and emissions data on light-duty alternative fuel vehicles (AFVs). These data are available to the public and may be accessed through the Alternative Fuels Data Center (AFDC) electronic database and the National Alternative Fuels Hotline.

*If your fleet operates AFVs and you are interested in working with NREL to collect AFV performance data, we'd like to talk.*

The primary purpose of this project is to provide enough detailed operating and maintenance data to enable a fleet manager to evaluate the costs associated with operating AFVs. NREL seeks to work with private fleets that—

- Operate 20 or more identical model vehicles. Ideally, we would like to have three gasoline control vehicles and 5 to 15 AFVs.
- Currently operate at least 5 to 10 of the same model AFVs, or plan to begin operating AFVs during the next 12 to 18 months. Acceptable fuels are ethanol, methanol, compressed natural

gas, propane, and biodiesel. Vehicles may be either original equipment from the manufacturer or (in the case of compressed natural gas and propane) conversions.

- Maintain complete and accurate maintenance records, including all scheduled and unscheduled repairs, repairs covered under warranty, and all costs associated with repairs. The fleet must also provide accurate records on fueling and other costs associated with operating its fleet vehicles.
- Each vehicle in the fleet must accumulate at least 50,000 miles annually (higher mileage is a plus). We would like to start collecting data on vehicles that are either new or that have relatively low mileage (less than 5,000 miles), and to complete this effort in about 12 months.

NREL will work with you to place a person on site to handle the data collection, and will analyze, summarize, and publish the data. This will lessen the impact on your fleet's operation.

### ***What's in it for you?***

- NREL is willing to make direct cash payments to you in exchange for data from your fleet vehicles\*
- Your public relations image as a partner in this effort will be enhanced in widely distributed publications
- Your fleet will be acknowledged as source of AFV data in AFDC database.

*\*Specific compensation will be part of a statement of work and contractual agreement with NREL.*

Yes! *Our fleet would be interested in working with NREL to collect and share data on our light-duty AFVs.*

Please mail or fax the following information to:

Peg Whalen  
National Renewable Energy Laboratory  
1617 Cole Blvd.  
Golden, CO 80401  
Fax: (303) 275-4415

Company/Fleet Name:\_\_\_\_\_

Contact Name:\_\_\_\_\_

Address:\_\_\_\_\_

City:\_\_\_\_\_State:\_\_\_\_\_Zip:\_\_\_\_\_

Phone:\_\_\_\_\_Fax:\_\_\_\_\_

Number of vehicles in fleet:\_\_\_\_\_

Number of vehicles operating (or planned to be operating) on alternative fuels:\_\_\_\_\_

If vehicles are not currently operating on alternative fuel, when will operation start:\_\_\_\_\_

\_\_\_\_\_

Models and years of AFVs in fleet (include number of each type if more than one type in fleet):

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Typical annual mileage accumulation (on each vehicle):\_\_\_\_\_

Alternative fuel(s) used by fleet:\_\_\_\_\_

I have questions about this project:

\_\_\_\_ Please have someone call me at the number above.

\_\_\_\_ Please send additional information to my attention.

*Thank you for your interest in this project*